

SPAWAR



Systems Center
PACIFIC

SPAWAR IUID Marking Services

Next



Services Provided

1

*Systems Center
PACIFIC*

Production Engineering

- Responsible for providing systems, electrical, and mechanical engineering for the development of new systems and upgrades to existing systems specifically focused on COTS/GOTS integration for military environments.
- Design support for system cabinets, enclosures, mounting kits, interfaces, cabling, ship/sub/air/vehicle-interface mounting, and power distribution.
- Develop complete system technical data packages including Bill Of Materials (BOM), production drawings, fabrication details, assembly drawings, and Installation Control Drawings (ICD). Build-to-Print Drawings available upon request.
- Environmental Qualification Testing.

Logistics

- **Complete Unique Identification (UID) services.**
 - **UID Label Design (MIL-STD-130).**
 - **UID Label Manufacture.**
 - **UID Label Verification.**
 - **UID Registration.**
 - **UID Integrated Inventory Management Systems.**
- Source and Procure Materials.
- Warehousing, packaging, handling, shipping & transportation (PHS&T).

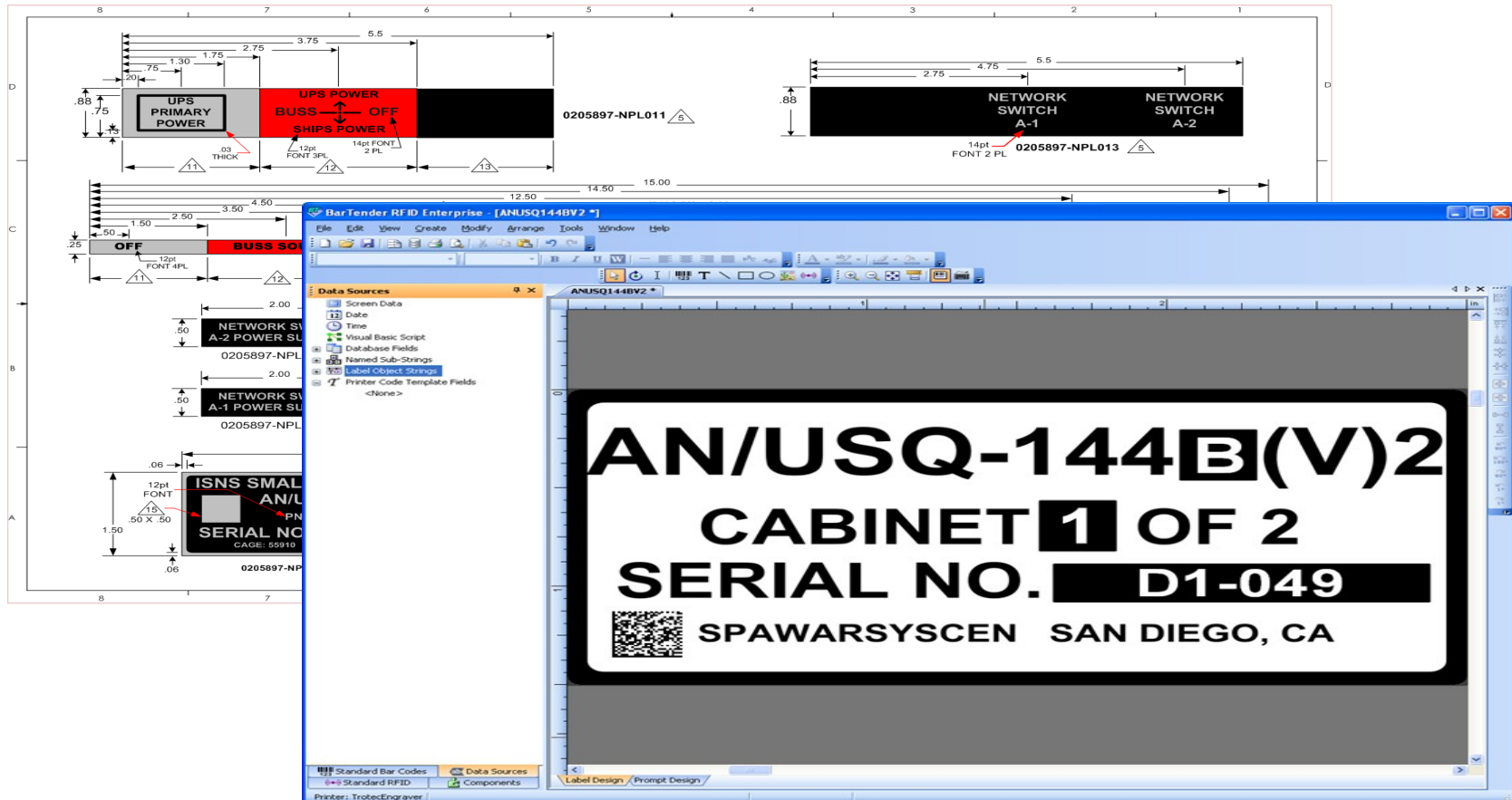
Integration & Production

- Assembly, installation & integration of system components.
- Test & Inspection.
- Testing, IV&V and QA/QC, prior to shipment.
- Validate system requirements and operability and ensure compliance to drawings and specifications.

Next



Design

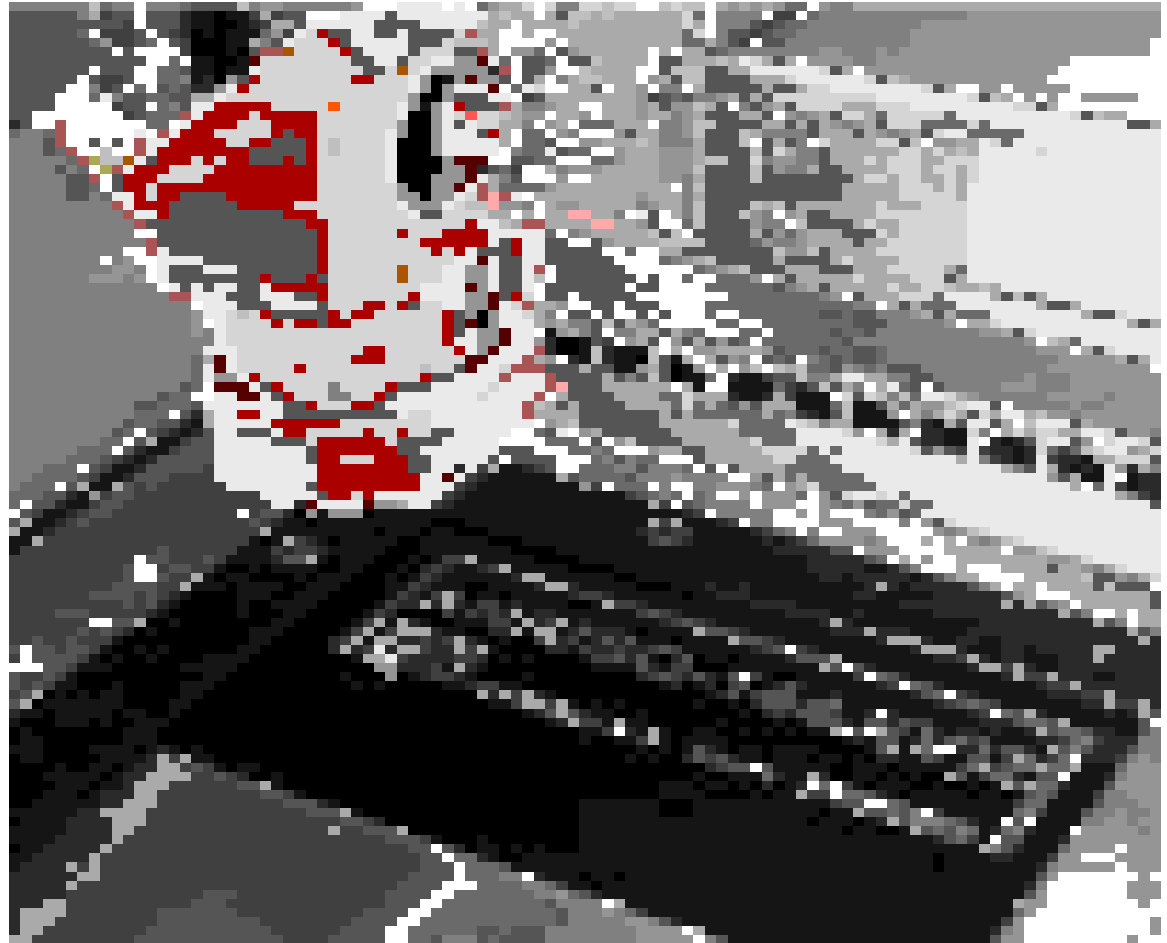


- Material type
- Label design
- Documentation
- Manufacturer mark



Manufacture

- **Direct**
 - **Adhesive dispensing, Cast, Forge, Mold, Liquid Metal Jet, Ink Jet, Stencil Marking, Thin Film Deposition, Laser Bonding, Laser Engineering Net Shaping, Silk Screen**
- **Indirect**
 - **Label, Data Markings Plate, Name Plate, ID Plate, Band or Tag**





UID Verification

- **Correct data structure**
- **Quality of mark meets MIL-STD-130**
- **Daily calibrated test results**

View/Verify Marks

Job ID: 7354
Job Created Date: 6/25/2009 1:32:21 PM
OPF DI TESA LABEL CURRENT PN

Jobs

Number	Contents	Status	Value	Verification Results	Verified Date
1	UID	2D Complete	[b] "Chet006" "Chet007" "V55518" "Chet008" "PM 359-1-1-1-1" OVERALL GRADE: A		3/22/2010
2	Enterprise Identifier	Human Read			
3	Current Part Number	Human Read			
4	Serial Number	Human Read			

Microscan UID Compliance Checker v2.3.1 - Calibrated Since Restart - Last: February 22 2010 12:21:55

Reader Name and Status
Reader uid01a30 is Connected

Read Data: [b] "06" "17V55518" "PM 359-1-1-1-1" "50849495"

MIL-STD-130H (AIM DPM-1-2006)

Overall Grade	DPN (DPM-1-2006)
Cell Contrast	Value = 98%
Axis Non-Uniformity	Value = 0.01
Grid Non-Uniformity	Value = 0.10
UEC Grade	Value = 1.00
Fixed Defects/Damage	
Cell Modulation	
Net Decode Grade	
Min Reflectance	Value = 92%
Cell Size	Value = 0.009 INCHES

Current Filter

Job ID: [None]
IGUIDES UID: [201006-2011-1-1-1-1]
Printed Date: [None]

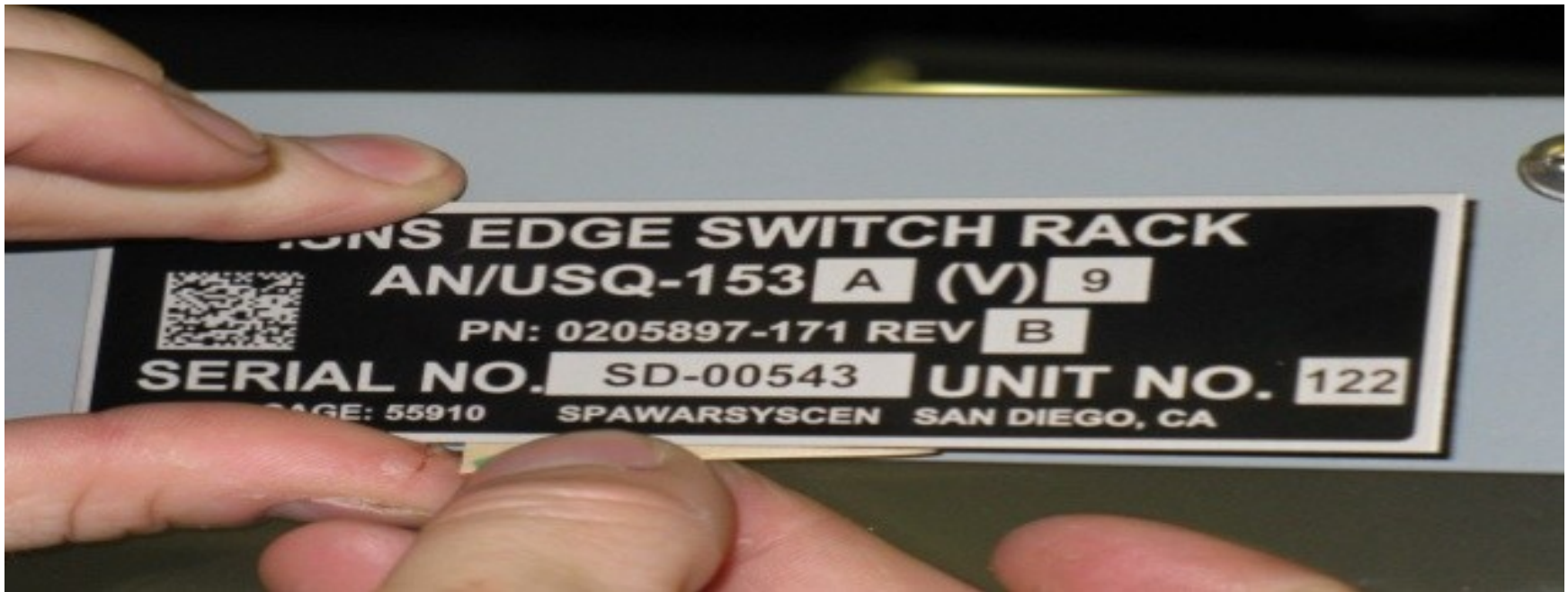
Live Video (90) **Read UID Mark** **View Result** **Print Result** **Save Result**

IGUIDES Template Name: [None] Job Created Date: [None]

Version: 5.89.3



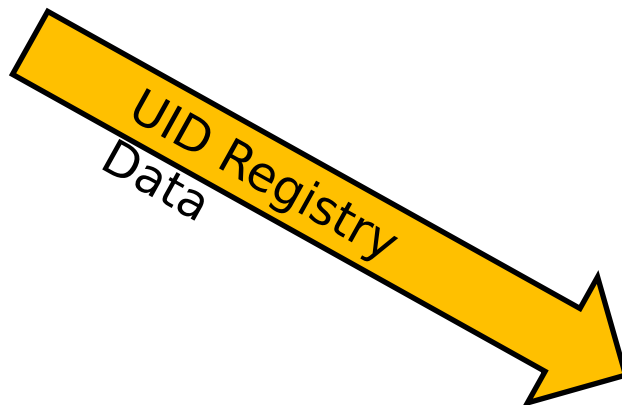
Label Application



- Requirement to mark
- Standards
- System Level Assembly Instructions
- Location



UID Registration



- **UID Registry Data Transmission**
- **Establish Parent/Child Relationship**



POCs

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